



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Madison *et al.*  
Serial No. : 09/776,191  
Filed : February 2, 2001

Art Unit : 1652  
Examiner : Yong D. Pak  
Confirm. No.: 3237

Title : NUCLEIC ACID MOLECULES ENCODING TRANSMEMBRANE SERINE  
PROTEASES, THE ENCODED PROTEINS AND METHODS BASED  
THEREON

**Mail Stop ISSUE FEE**

Commissioner for Patents  
U.S. Patent and Trademark Office  
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Alexandria, VA 22313-1450

**AMENDMENT PURSUANT TO 37 C.F.R. §1.312 AND COMMENTS ON  
EXAMINER'S REASONS FOR ALLOWANCE**

Dear Sir:

Entry of the following amendment and consideration of the following remarks respectfully are requested. This amendment is filed concurrently with the payment of the issue fee.

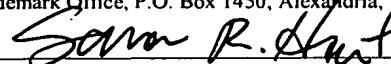
**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Mail Stop Issue Fee, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

  
Sara Hart